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OM nucleic - nucleic search, using sw model

Run on: August 22, 2002, 00:50:57 ; Search time 663.62 seconds  
(without alignments)  
85.144 Million cell updates/sec

Title: US-10-046-955-51

Perfect score: 21

Sequence: 1 ctaacacctcgcaactggaga 21

Scoring table: IDENTITY\_NUC

Gap 10.0 , Gapext 1.0

Searched: 1721111 seqs, 1345317543 residues

Total number of hits satisfying chosen parameters: 3442222

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Pending\_Patents\_NA\_New:\*  
1: /cgn2\_6/ptodata/2/pna/PCT\_NEW\_COMB.seq:\*  
2: /cgn2\_6/ptodata/2/pna/US06\_NEW\_COMB.seq:\*  
3: /cgn2\_6/ptodata/2/pna/US07\_NEW\_COMB.seq:\*  
4: /cgn2\_6/ptodata/2/pna/US08\_NEW\_COMB.seq:\*  
5: /cgn2\_6/ptodata/2/pna/US09\_NEW\_COMB.seq:\*  
6: /cgn2\_6/ptodata/2/pna/US10\_NEW\_COMB.seq:\*  
7: /cgn2\_6/ptodata/2/pna/US10\_NEW\_COMB.seq2:\*  
8: /cgn2\_6/ptodata/2/pna/US60\_NEW\_COMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

| Result No. | Score | Query Match | Length | ID                     | Description       |
|------------|-------|-------------|--------|------------------------|-------------------|
| 1          | 21    | 100.0       | 21     | 7 US-10-046-955-51     | Sequence 51, Appl |
| 2          | 21    | 100.0       | 319    | 7 US-10-046-955-6      | Sequence 6, Appl  |
| 3          | 17    | 81.0        | 510    | 5 US-09-620-393B-5370  | Sequence 5270, Ap |
| 4          | 16.2  | 77.1        | 499    | 7 US-10-027-632-136133 | Sequence 136133,  |
| 5          | 16.2  | 77.1        | 499    | 7 US-10-027-632-136134 | Sequence 136134,  |
| 6          | 16.2  | 77.1        | 1037   | 7 US-10-027-632-259445 | Sequence 259445,  |
| 7          | 16.2  | 77.1        | 1037   | 7 US-10-027-632-259446 | Sequence 259446,  |
| 8          | 16.2  | 77.1        | 1037   | 7 US-10-027-632-259447 | Sequence 259447,  |
| 9          | 16.2  | 77.1        | 33769  | 1 PCT-US02-15982-8     | Sequence 8, Appl  |
| 10         | 16.2  | 77.1        | 33769  | 5 US-09-544-398A-8     | Sequence 8, Appl  |
| 11         | 16.2  | 77.1        | 33769  | 5 US-09-544-398B-8     | Sequence 8, Appl  |
| 12         | 15.8  | 75.2        | 294    | 8 US-60-360-039-29617  | Sequence 29617, A |
| 13         | 15.2  | 72.4        | 294    | 5 US-09-540-210B-34637 | Sequence 34637, A |
| 14         | 15.2  | 72.4        | 598    | 7 US-10-027-632-224405 | Sequence 224405,  |
| 15         | 15.2  | 72.4        | 723    | 7 US-10-027-632-20739  | Sequence 20739, A |
| 16         | 15.2  | 72.4        | 792    | 7 US-10-027-632-137644 | Sequence 137644,  |
| 17         | 15.2  | 72.4        | 792    | 7 US-10-027-632-137645 | Sequence 137645,  |
| 18         | 15.2  | 72.4        | 856    | 7 US-10-155-881-37126  | Sequence 37126, A |
| 19         | 15.2  | 72.4        | 884    | 6 US-10-098-754-14341  | Sequence 14341, A |
| 20         | 15.2  | 72.4        | 1244   | 5 US-09-886-492-14875  | Sequence 14875, A |
| 21         | 15.2  | 72.4        | 1932   | 5 US-09-665-308D-17    | Sequence 17, Appl |
| 22         | 15.2  | 72.4        | 2685   | 5 US-09-935-625-16439  | Sequence 16439, A |
| 23         | 15.2  | 72.4        | 2685   | 5 US-09-935-625-24778  | Sequence 24778, A |
| 24         | 15.2  | 72.4        | 2712   | 5 US-09-935-625-9769   | Sequence 9769, Ap |
| 25         | 15.2  | 72.4        | 2712   | 5 US-09-935-625-26473  | Sequence 26473, A |

#### ALIGNMENTS

RESULT 1

US-10-046-955-51

; Sequence 51, Application US/10046955

; GENERAL INFORMATION:

; APPLICANT: The Government of the United States of America, as Represented by the  
; APPLICANT: Secretary of the Department of Health and Human Services, Centers for  
; APPLICANT: Control and Prevention  
; APPLICANT: Morrison, Christine J.  
; APPLICANT: Reiss, Errol  
; APPLICANT: Aldorevich, Lilliana

; TITLE OF INVENTION: Nucleic Acids for Detecting Aspergillus Species and

; TITLE OF INVENTION: Other Filamentous Fungi

; FILE REFERENCE: 6395-62064

; CURRENT APPLICATION NUMBER: US/10/046,955

; PRIOR FILING DATE: 2002-06-04

; PRIOR APPLICATION NUMBER: US 09/423,233

; PRIOR FILING DATE: 2000-06-27

; PRIOR APPLICATION NUMBER: PCT/US98/08926

; PRIOR FILING DATE: 1998-05-01

; PRIOR APPLICATION NUMBER: US 60/045,400

; PRIOR FILING DATE: 1997-05-02

; NUMBER OF SEQ ID NOS: 61

; SOFTWARE: Patent In Ver. 2.0

; SEQ ID NO 51

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Fusarium solani

US-10-046-955-51

Query Match 100.0%; Score 21; DB 7; Length 21;  
Best Local Similarity 100.0%; Pred. No. 0.15;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 ctaacacctcgcaactggaga 21

Db 1 ctaacacctcgcaactggaga 21

RESULT 2

US-10-046-955-6

; Sequence 6, Application US/10046955

; GENERAL INFORMATION:

; APPLICANT: the Government of the United States of America, as Represented by the  
; APPLICANT: Secretary of the Department of Health and Human Services, Centers for  
; APPLICANT: Control and Prevention  
; APPLICANT: Morrison, Christine J.

Sequence 10050, A  
Sequence 26637, A  
Sequence 144, App  
Sequence 7487, Ap  
Sequence 27983, A  
Sequence 34924, A  
Sequence 425, App  
Sequence 3043, Ap  
Sequence 3257, Ap  
Sequence 31316, A  
Sequence 22591, A  
Sequence 22592, A  
Sequence 22593, A  
Sequence 15318, A  
Sequence 170361,  
Sequence 11987, A  
Sequence 35934, A  
Sequence 35795, A  
Sequence 14652, A  
Sequence 14650, A

26 15.2 72.4 2757 5 US-09-935-625-10050  
27 15.2 72.4 2757 5 US-09-935-625-26637  
c 28 11485 6 US-10-205-219-144  
c 29 14.8 70.5 209 5 US-09-886-492-7487  
c 30 14.8 70.5 258 5 US-09-975-254-27983  
c 31 14.8 70.5 284 5 US-09-540-210B-34924  
c 32 14.8 70.5 316 5 US-09-698-495-425  
c 33 14.8 70.5 332 5 US-09-886-492-3043  
c 34 14.8 70.5 422 7 US-10-011-154-3257  
c 35 14.8 70.5 478 5 US-09-918-995-31316  
c 36 14.8 70.5 571 7 US-10-027-632-22591  
c 37 14.8 70.5 571 7 US-10-027-632-22592  
c 38 14.8 70.5 571 7 US-10-027-632-22593  
c 39 14.8 70.5 586 5 US-09-886-492-15318  
c 40 14.8 70.5 800 7 US-10-027-632-170361  
c 41 14.8 70.5 906 6 US-10-098-754-11987  
c 42 14.8 70.5 1161 7 US-10-155-881-35934  
c 43 14.8 70.5 1165 7 US-10-155-881-35795  
c 44 14.8 70.5 1214 7 US-10-155-881-14652  
c 45 14.8 70.5 1372 7 US-10-155-881-14650

```
; APPLICANT: Reiss, Errol
; APPLICANT: Aldorevich, Liliانا
; APPLICANT: Choi, Jong Soo
; TITLE OF INVENTION: Nucleic Acids for Detecting Aspergillus Species and
; TITLE OF INVENTION: Other Filamentous Fungi
; FILE REFERENCE: 6395-62064
; CURRENT APPLICATION NUMBER: US/10/046,955
; CURRENT FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: US 09/423,233
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: PCT/US98/08926
; PRIOR FILING DATE: 1998-05-01
; PRIOR APPLICATION NUMBER: US 60/045,400
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 319
; TYPE: DNA
; ORGANISM: Fusarium solani
US-10-046-955-6

Query Match          100.0%; Score 21; DB 7; Length 319;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ctaacactcgcaactggaga 21
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Db 222 ctaacactcgcaactggaga 242

RESULT 3
US-09-620-393B-5270
; Sequence 5270, Application US/09620393B
; GENERAL INFORMATION:
; APPLICANT: ALEXANDROV, Nikolai et al.
; TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES
; TITLE OF INVENTION: THEREBY
; FILE REFERENCE: 2750-1088P
; CURRENT APPLICATION NUMBER: US/09/620,393B
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 9948
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5270
; LENGTH: 510
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..510
; OTHER INFORMATION: any n = a, g, c, t, unknown, or other
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..510
; OTHER INFORMATION: Ceres Seq. ID 1390380
US-09-620-393B-5270

Query Match          81.0%; Score 17; DB 5; Length 510;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 caccctcgcaactggaga 21
    ||||| ||||| ||||| |||||
Db 37 caccctcgcaactggaga 53

RESULT 4
US-10-027-632-136133
; Sequence 136133, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
```

```
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136133
; LENGTH: 499
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-136133

Query Match          77.1%; Score 16.2; DB 7; Length 499;
Best Local Similarity 85.7%; Pred. No. 78;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 ctaacactcgcaactggaga 21
    ||||| ||||| ||||| |||||
Db 55 ctaactctctcccaactggaga 75

RESULT 5
US-10-027-632-136134
; Sequence 136134, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136134
; LENGTH: 499
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-136134

Query Match          77.1%; Score 16.2; DB 7; Length 499;
Best Local Similarity 85.7%; Pred. No. 78;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 259446
; LENGTH: 1037
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-259446

Query Match          77.1%; Score 16.2; DB 7; Length 1037;
Best Local Similarity 85.7%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctgcgaactggaga 21
    ||||| ||||| ||||| |||||
Db 496 ctaccaccttgcgaactggaga 516

RESULT 6
US-10-027-632-259445
; Sequence 259445, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 259445
; LENGTH: 1037
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-259445

Query Match          77.1%; Score 16.2; DB 7; Length 1037;
Best Local Similarity 85.7%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctgcgaactggaga 21
    ||||| ||||| ||||| |||||
Db 496 ctaccaccttgcgaactggaga 516

RESULT 7
US-10-027-632-259446
; Sequence 259446, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 259446
; LENGTH: 1037
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-259446

Query Match          77.1%; Score 16.2; DB 7; Length 1037;
Best Local Similarity 85.7%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctgcgaactggaga 21
    ||||| ||||| ||||| |||||
Db 496 ctaccaccttgcgaactggaga 516

RESULT 8
US-10-027-632-259447
; Sequence 259447, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 259447
; LENGTH: 1037
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-259447

Query Match          77.1%; Score 16.2; DB 7; Length 1037;
Best Local Similarity 85.7%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctgcgaactggaga 21
    ||||| ||||| ||||| |||||
Db 496 ctaccaccttgcgaactggaga 516

RESULT 9
PCT-US02-15982-8
; Sequence 8, Application PC/TUS0215982
; GENERAL INFORMATION:
; APPLICANT: Allen, Kristina M.
; APPLICANT: Anisowicz, Anthony
; APPLICANT: Bhat, Bheem
; APPLICANT: Damagnez, Veronique
; APPLICANT: Robinson, John
; APPLICANT: Yaworsky, Paul
; TITLE OF INVENTION: Reagents and Method for Modulating DKK-Mediated Interactions
; FILE REFERENCE: 032796-132
; CURRENT APPLICATION NUMBER: PCT/US02/15982
; CURRENT FILING DATE: 2002-05-17
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; PRIOR APPLICATION NUMBER: US 60/291,311  
; PRIOR FILING DATE: 2001-05-17  
; PRIOR APPLICATION NUMBER: US 60/353,058  
; PRIOR FILING DATE: 2002-02-01  
; PRIOR APPLICATION NUMBER: US 60/361,293  
; PRIOR FILING DATE: 2002-03-04  
; NUMBER OF SEQ ID NOS: 214  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 33769  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: (33739),(33749),(33758)  
; OTHER INFORMATION: Identity of nucleotide sequences at the above locations are unknown  
PCT-US02-15982-8

Query Match 77.1%; Score 16.2; DB 1; Length 33769;  
Best Local Similarity 85.7%; Pred. No. 1.1e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 ctaacacctcgcaactggaga 21  
||| ||||| ||||| |||  
Db 25831 ctgacacctctcaactggaca 25851

RESULT 10  
US-09-544-398A-8  
; Sequence 8, Application US/09544398A  
; GENERAL INFORMATION:  
; APPLICANT: Carulli, John P.  
; APPLICANT: Little, Randall D.  
; APPLICANT: Recker, Robert R.  
; APPLICANT: Johnson, Mark L.  
; TITLE OF INVENTION: High bone mass gene of 11q13.3  
; FILE REFERENCE: 032796-013  
; CURRENT APPLICATION NUMBER: US/09/544,398A  
; PRIOR FILING DATE: 2000-04-05  
; PRIOR APPLICATION NUMBER: US 09/229,319  
; PRIOR FILING DATE: 1999-01-13  
; PRIOR APPLICATION NUMBER: US 60/071,449  
; PRIOR FILING DATE: 1998-01-13  
; PRIOR APPLICATION NUMBER: US 60/105,511  
; PRIOR FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 641  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 33769  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: (33739),(33749),(33758)  
; OTHER INFORMATION: Identity of nucleotide sequences at the above locations are unknown  
US-09-544-398A-8

Query Match 77.1%; Score 16.2; DB 5; Length 33769;  
Best Local Similarity 85.7%; Pred. No. 1.1e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 ctaacacctcgcaactggaga 21  
||| ||||| ||||| |||  
Db 25831 ctgacacctctcaactggaca 25851

RESULT 11  
US-09-544-398B-8  
; Sequence 8, Application US/09544398B  
; GENERAL INFORMATION:  
; APPLICANT: Carulli, John P.

; APPLICANT: Little, Randall D.  
; APPLICANT: Recker, Robert R.  
; APPLICANT: Johnson, Mark L.  
; TITLE OF INVENTION: High bone mass gene of 11q13.3  
; FILE REFERENCE: 032796-013  
; CURRENT APPLICATION NUMBER: US/09/544,398B  
; CURRENT FILING DATE: 2002-06-10  
; PRIOR APPLICATION NUMBER: US 09/229,319  
; PRIOR FILING DATE: 1999-01-13  
; PRIOR APPLICATION NUMBER: US 60/071,449  
; PRIOR FILING DATE: 1998-01-13  
; PRIOR APPLICATION NUMBER: US 60/105,511  
; PRIOR FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 641  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 33769  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: (33739),(33749),(33758)  
; OTHER INFORMATION: Identity of nucleotide sequences at the above locations are unknown  
US-09-544-398B-8

Query Match 77.1%; Score 16.2; DB 5; Length 33769;  
Best Local Similarity 85.7%; Pred. No. 1.1e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 ctaacacctcgcaactggaga 21  
||| ||||| ||||| |||  
Db 25831 ctgacacctctcaactggaca 25851

RESULT 12  
US-60-360-039-29617/c  
; Sequence 29617, Application US/60360039  
; GENERAL INFORMATION:  
; APPLICANT: Cao, Yongwei  
; APPLICANT: Chen, Xianfeng  
; APPLICANT: Goldman, Barry S.  
; APPLICANT: Hinkle, Gregory J.  
; APPLICANT: Slater, Steven C.  
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF  
; FILE REFERENCE: 38-10/52052A  
; CURRENT APPLICATION NUMBER: US/60/360,039  
; CURRENT FILING DATE: 2002-02-21  
; NUMBER OF SEQ ID NOS: 47374  
; SEQ ID NO 29617  
; LENGTH: 341  
; TYPE: DNA  
; ORGANISM: Caenorhabditis elegans  
US-60-360-039-29617

Query Match 75.2%; Score 15.8; DB 8; Length 341;  
Best Local Similarity 89.5%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 aacacctcgcaactggaga 21  
||| ||||| ||||| |||  
Db 71 AACACCTTGCAACTGGA 53

RESULT 13  
US-09-540-210B-34637  
; Sequence 34637, Application US/09540210B  
; GENERAL INFORMATION:  
; APPLICANT: Seilhamer, Jeffrey J.  
; APPLICANT: Delegeane, Angelo M.  
; APPLICANT: Stuart, Susan G.

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Thu Aug 22 09:35:35 2002

; APPLICANT: Stuve, Laura L.  
; APPLICANT: Mullahy, Sara J.  
; APPLICANT: Naughton, Rebecca E.  
; TITLE OF INVENTION: POLYNUCLEOTIDES OF URINARY TRACT TISSUE  
; FILE REFERENCE: PD-1037 CIP  
; CURRENT APPLICATION NUMBER: US/09/540,210B  
; CURRENT FILING DATE: 2002-04-03  
; PRIOR APPLICATION NUMBER: 08/972,899  
; PRIOR FILING DATE: November 18, 1997  
; PRIOR APPLICATION NUMBER: 08/395,244  
; PRIOR FILING DATE: February 27, 1995  
; PRIOR APPLICATION NUMBER: 08/722,922  
; PRIOR FILING DATE: September 27, 1996  
; PRIOR APPLICATION NUMBER: 60/005,526  
; PRIOR FILING DATE: September 29, 1995  
; PRIOR APPLICATION NUMBER: 08/824,029  
; PRIOR FILING DATE: March 25, 1997  
; PRIOR APPLICATION NUMBER: 60/014,010  
; PRIOR FILING DATE: March 25, 1996  
; PRIOR APPLICATION NUMBER: 08/826,847  
; PRIOR FILING DATE: April 10, 1997  
; PRIOR APPLICATION NUMBER: 60/015,533  
; PRIOR FILING DATE: April 10, 1996  
; PRIOR APPLICATION NUMBER: 08/903,555  
; PRIOR FILING DATE: July 31, 1997  
; PRIOR APPLICATION NUMBER: 60/023,308  
; PRIOR FILING DATE: July 31, 1996  
; PRIOR APPLICATION NUMBER: 08/862,178  
; PRIOR FILING DATE: May 22, 1997  
; PRIOR APPLICATION NUMBER: 60/018,217  
; PRIOR FILING DATE: May 23, 1996  
; PRIOR APPLICATION NUMBER: 08/881,589  
; PRIOR FILING DATE: June 24, 1997  
; PRIOR APPLICATION NUMBER: 60/021,275  
; PRIOR FILING DATE: June 25, 1995  
; PRIOR APPLICATION NUMBER: 08/903,802  
; PRIOR FILING DATE: July 31, 1997  
; PRIOR APPLICATION NUMBER: 60/023,308  
; PRIOR FILING DATE: July 31, 1996  
; PRIOR APPLICATION NUMBER: 08/905,881  
; PRIOR FILING DATE: August 1, 1997  
; PRIOR APPLICATION NUMBER: 60/025,204  
; PRIOR FILING DATE: August 1, 1996  
; PRIOR APPLICATION NUMBER: 08/903,471  
; PRIOR FILING DATE: July 30, 1997  
; PRIOR APPLICATION NUMBER: 60/025,478  
; PRIOR FILING DATE: July 31, 1996  
; PRIOR APPLICATION NUMBER: 08/903,556  
; PRIOR FILING DATE: July 31, 1997  
; PRIOR APPLICATION NUMBER: 60/025,217  
; PRIOR FILING DATE: August 22, 1996  
; PRIOR APPLICATION NUMBER: 08/937,142  
; PRIOR FILING DATE: September 23, 1997  
; PRIOR APPLICATION NUMBER: 60/026,598  
; PRIOR FILING DATE: September 24, 1996  
; PRIOR APPLICATION NUMBER: 08/960,746  
; PRIOR FILING DATE: October 29, 1997  
; PRIOR APPLICATION NUMBER: 60/030,144  
; PRIOR FILING DATE: October 30, 1996  
; PRIOR APPLICATION NUMBER: 08/826,847  
; PRIOR FILING DATE: April 10, 1997  
; PRIOR APPLICATION NUMBER: 60/015,533  
; PRIOR FILING DATE: April 10, 1996  
; PRIOR APPLICATION NUMBER: 08/755,524  
; PRIOR FILING DATE: November 22, 1996  
; PRIOR APPLICATION NUMBER: 60/007,495  
; PRIOR FILING DATE: November 22, 1995  
; PRIOR APPLICATION NUMBER: 09/021,031  
; PRIOR FILING DATE: February 10, 1998  
; PRIOR APPLICATION NUMBER: 60/039,325  
; PRIOR FILING DATE: February 13, 1997  
; PRIOR APPLICATION NUMBER: 09/035,172  
; PRIOR FILING DATE: March 4, 1998

; PRIOR APPLICATION NUMBER: 60/040,431  
; PRIOR FILING DATE: March 5, 1997  
; PRIOR APPLICATION NUMBER: 09/041,894  
; PRIOR FILING DATE: March 12, 1998  
; PRIOR APPLICATION NUMBER: 60/040,199  
; PRIOR FILING DATE: March 14, 1997  
; PRIOR APPLICATION NUMBER: 09/050,817  
; PRIOR FILING DATE: March 30, 1998  
; PRIOR APPLICATION NUMBER: 60/043,792  
; PRIOR FILING DATE: April 11, 1997  
; PRIOR APPLICATION NUMBER: 09/074,999  
; PRIOR FILING DATE: May 8, 1998  
; PRIOR APPLICATION NUMBER: 60/048,431  
; PRIOR FILING DATE: May 29, 1997  
; PRIOR APPLICATION NUMBER: 09/107,592  
; PRIOR FILING DATE: June 30, 1998  
; PRIOR APPLICATION NUMBER: 60/052,751  
; PRIOR FILING DATE: July 1, 1997  
; PRIOR APPLICATION NUMBER: 09/094,079  
; PRIOR FILING DATE: June 9, 1998  
; PRIOR APPLICATION NUMBER: 60/049,975  
; PRIOR FILING DATE: June 13, 1997  
; NUMBER OF SEQ ID NOS: 35654  
; SOFTWARE: PERL Program  
; SEQ ID NO 34637  
; LENGTH: 294  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: Incyte ID No: rat00084384  
US-09-540-210B-34637  
  
Query Match 72.4%; Score 15.2; DB 5; Length 294;  
Best Local Similarity 85.0%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 2 taacacctcgcaactggaga 21  
|| ||||| || |||||  
DB 17 tatcacctcccagctggaga 36  
  
RESULT 14  
US-10-027-632-224405  
; Sequence 224405, Application US/10027632  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
; POLYMORPHISMS IN THE HUMAN GENOME  
; FILE REFERENCE: 108827.129  
; CURRENT APPLICATION NUMBER: US/10/027,632  
; CURRENT FILING DATE: 2002-04-30  
; PRIOR APPLICATION NUMBER: US 60/218,006  
; PRIOR FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: US 60/198,676  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: US 60/193,483  
; PRIOR FILING DATE: 2000-03-29  
; PRIOR APPLICATION NUMBER: US 60/185,218  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/167,363  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 60/156,358  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/146,002  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 325720  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 224405  
; LENGTH: 598  
; TYPE: DNA  
; ORGANISM: Human

US-10-027-632-224405

Query Match 72.4%; Score 15.2; DB 7; Length 598;  
Best Local Similarity 85.0%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctcgcaactggag 20  
||| ||||| |||||  
Db 7 ctaaagcctcgcaagtggag 26

RESULT 15  
US-10-027-632-20739  
; Sequence 20739, Application US/10027632  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
; FILE REFERENCE: 108827.129  
; CURRENT APPLICATION NUMBER: US/10/027,632  
; PRIOR FILING DATE: 2002-04-30  
; PRIOR APPLICATION NUMBER: US 60/218,006  
; PRIOR FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: US 60/198,676  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: US 60/193,483  
; PRIOR FILING DATE: 2000-03-29  
; PRIOR APPLICATION NUMBER: US 60/185,218  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/167,363  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 60/156,358  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/146,002  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 325720  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 20739  
; LENGTH: 723  
; TYPE: DNA  
; ORGANISM: Human  
US-10-027-632-20739

Query Match 72.4%; Score 15.2; DB 7; Length 723;  
Best Local Similarity 85.0%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ctaaacacctcgcaactggag 20  
||| ||||| |||||  
Db 646 ctgacacctggcaaatggag 665

Search completed: August 22, 2002, 00:51:01  
Job time: 11901 sec